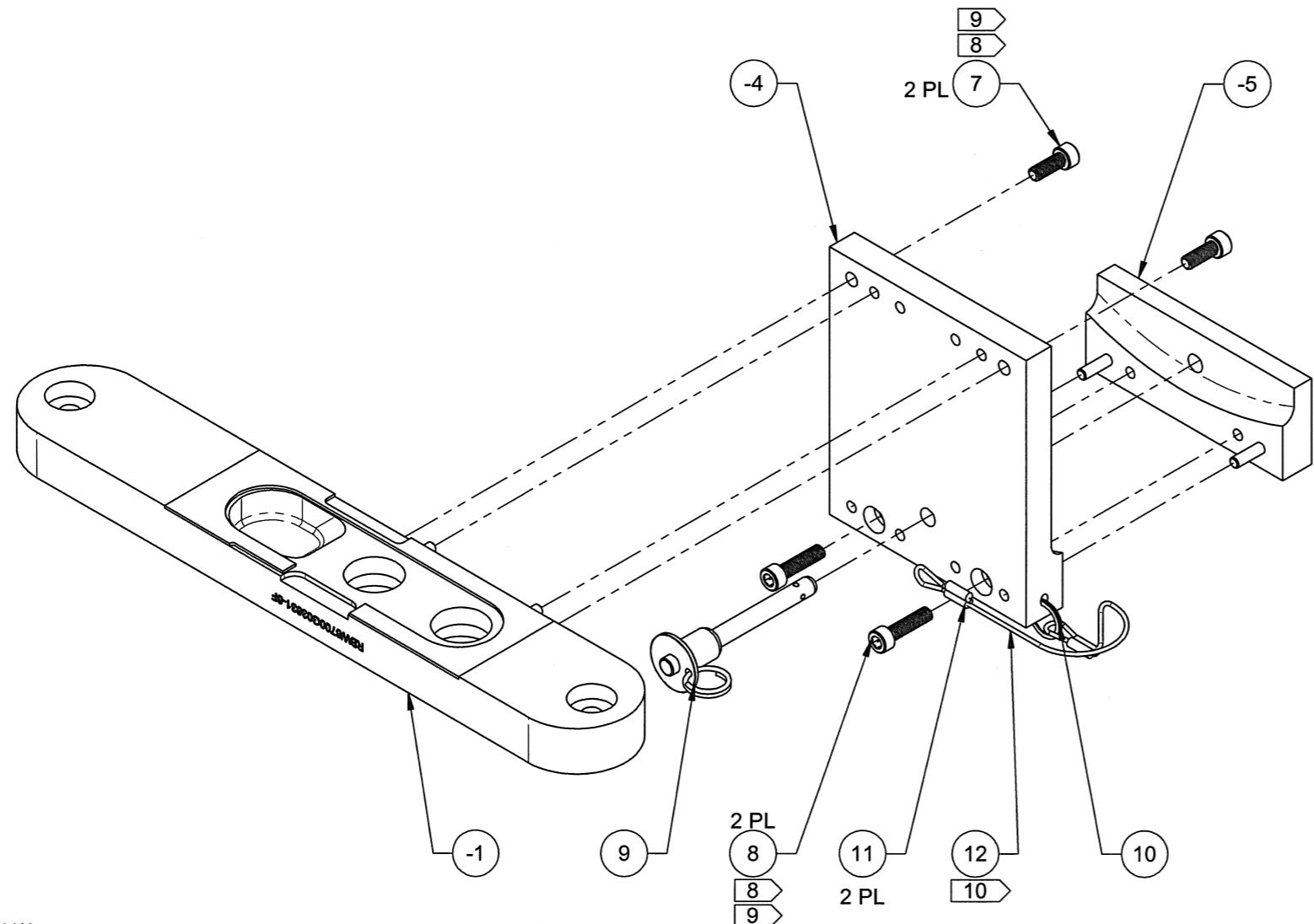


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6700G03631-6F-1	PLATE 1 ASSY
-4	1	RBW6700G03631-6F-4	PLATE 2
-5	1	RBW6700G03631-6F-5	PLATE 3 ASSY
7	2	McMaster#92185A989 OR EQUIV	SS316 SOCKET HEAD SCREW #10-32 X 1/2" LG.
8	2	McMaster#92185A991 OR EQUIV	SS316 SOCKET HEAD SCREW #10-32 X 3/4" LG.
9	1	McMaster#92851A120 OR EQUIV	17-4 PH SS STRONG-HOLD PUSH-BUTTON QUICK-RELEASE PIN 1/4" DIA. X 1-1/2" USABLE LENGTH
10	1	McMaster#90177A213 OR EQUIV	ZINC PLATED STEEL SPLIT RING 9/16" OD x 7/16" ID. x 1/16" THK
11	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
12	AR	CARR-LANE #CL-2-C	STEEL NYLON COATED 1/16" DIA. LANYARD



## NOTES:

1) MATERIAL: N/A

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

7) ASSEMBLE AS SHOWN

8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 7 &amp; 8 THEN ASSEMBLE WITH ITEMS -1 &amp; -5, AND REMOVE EXCESS

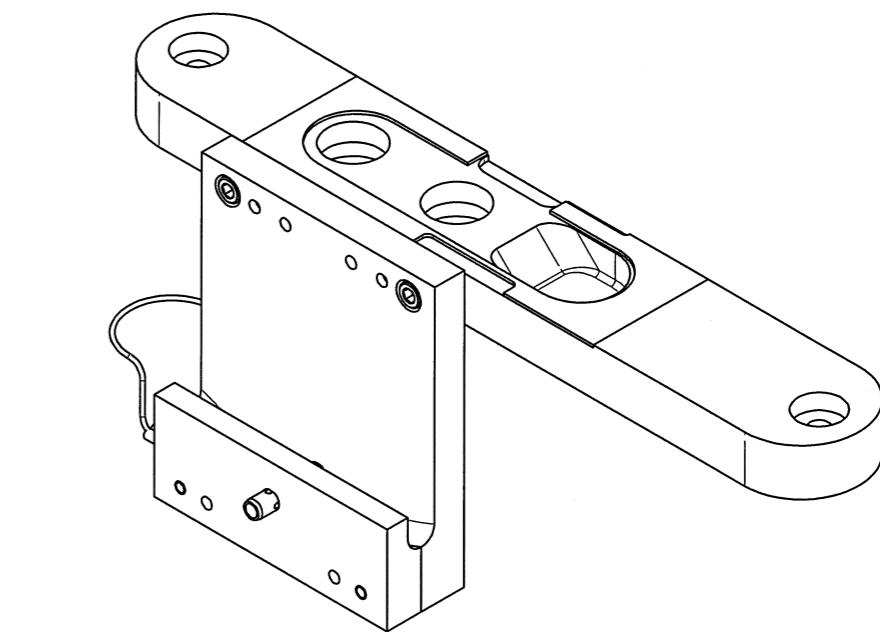
9) INSTALL ITEMS 8 &amp; 7 HAND TIGHT

10) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1", LANYARD MUST MOVE FREELY WHEN INSTALLING/REMOVING ITEM 9

11) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

**RBW6700G03631-6F FRONT SUPPORT ASSY**

11

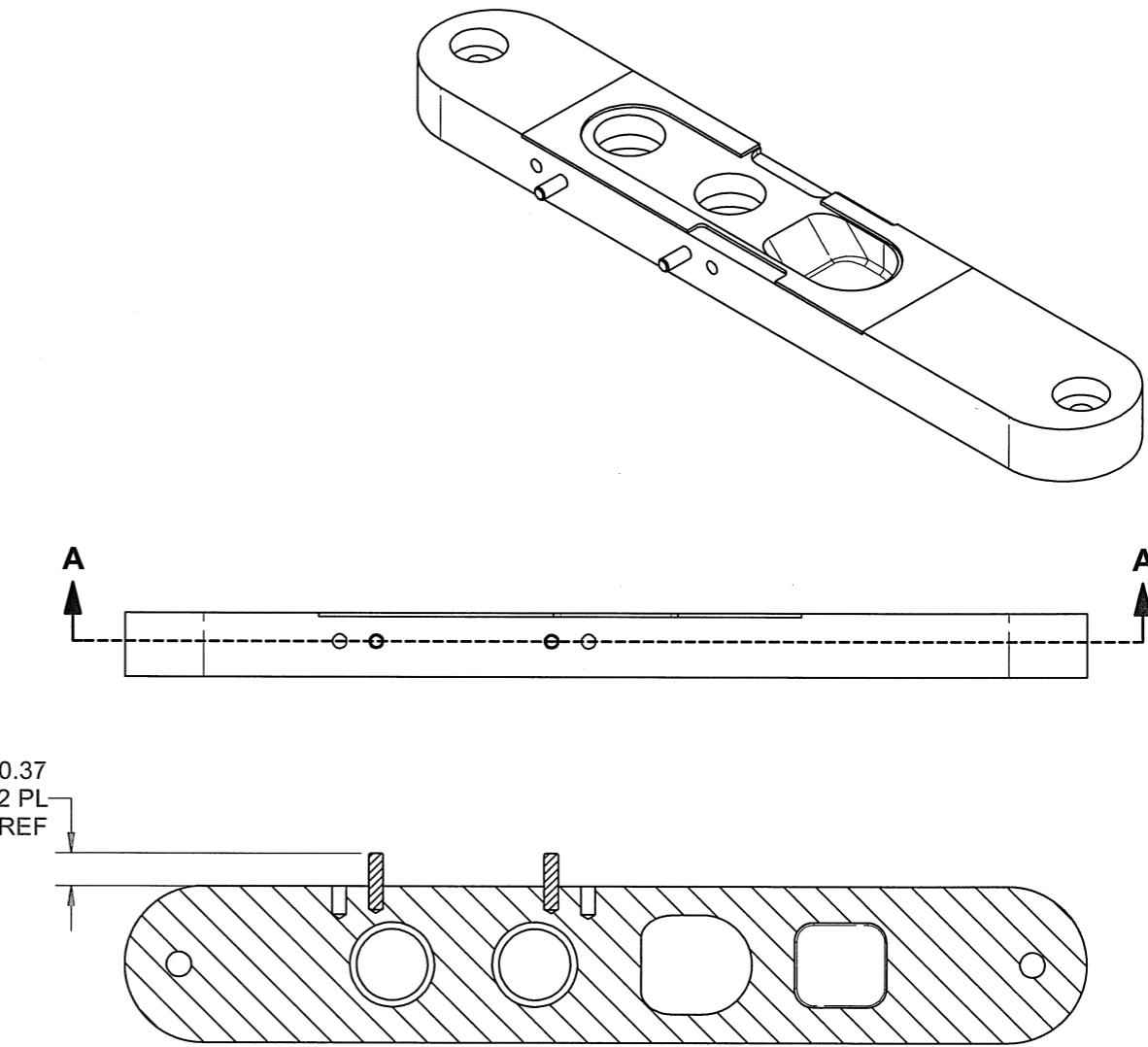
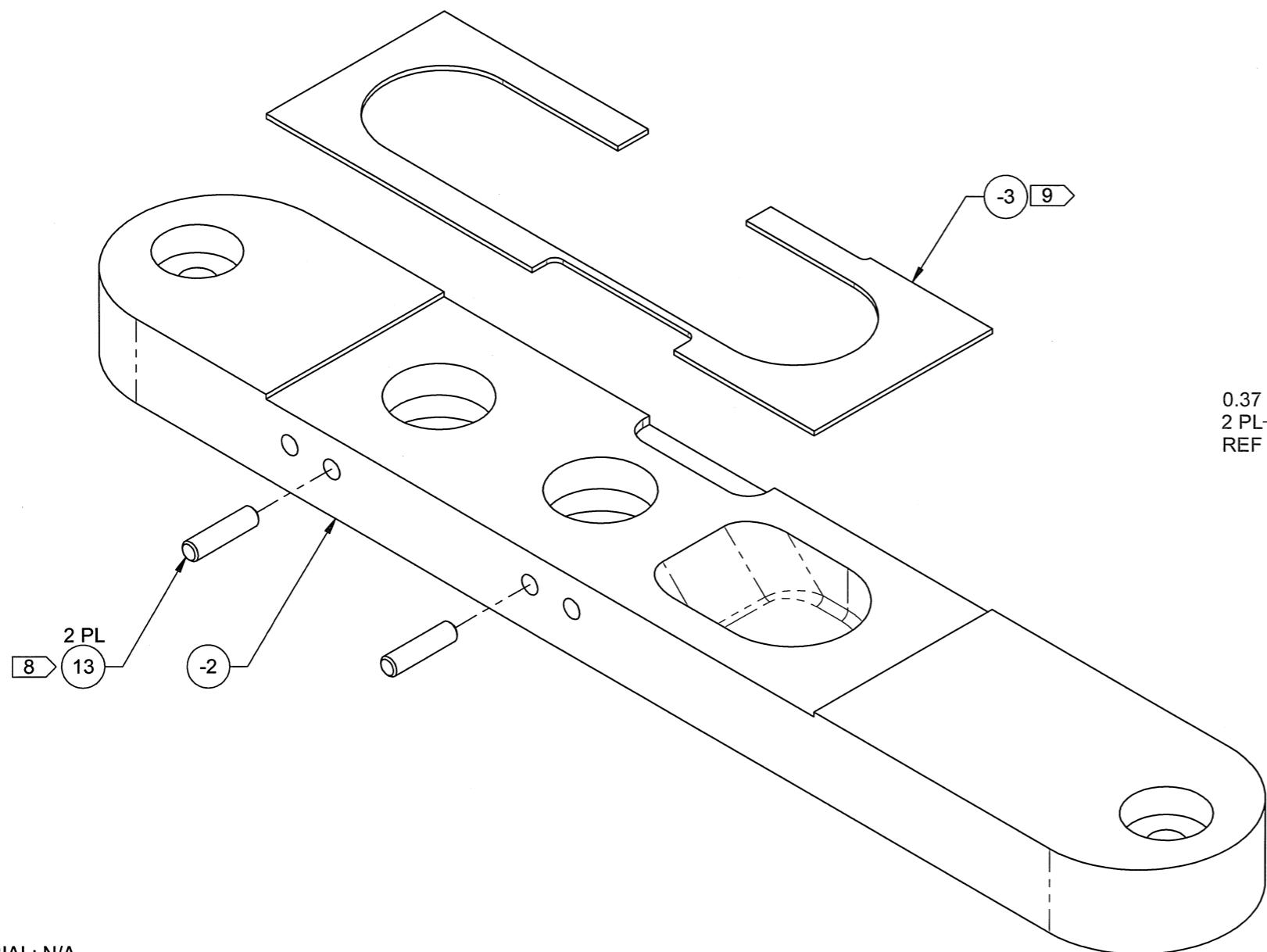


A	NEW ISSUE	19-676	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	RBW6700G03631-6F
MFG. APPR.	FK	REV. A	SHEET 1 OF 7
APPROVED	WJ	TITLE	
		FRONT SUPPORT ASSY	
DATE	4/2/2019	SCALE	
		NTS	

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ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6700G03631-6F-2	PLATE 1
-3	1	RBW6700G03631-6F-3	PROTECTION
13	2	McMaster#98380A485 OR EQUIV	SS416 DOWEL PIN 5/32" DIA. X 5/8" LG.

D



**RBW6700G03631-6F-1 PLATE 1 ASSY**

NOTES:

1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A

4) TOLERANCES: X.X =  $+-0.1"$  /  $+-1^\circ$   
 $X.XX = +-0.01"$  /  $+-0.5^\circ$   
 $X.XXX = +-0.005"$  /  $+-0.1^\circ$   
 $X.XXXX = +-0.0005"$  /  $+-0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $+-0.005"$

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

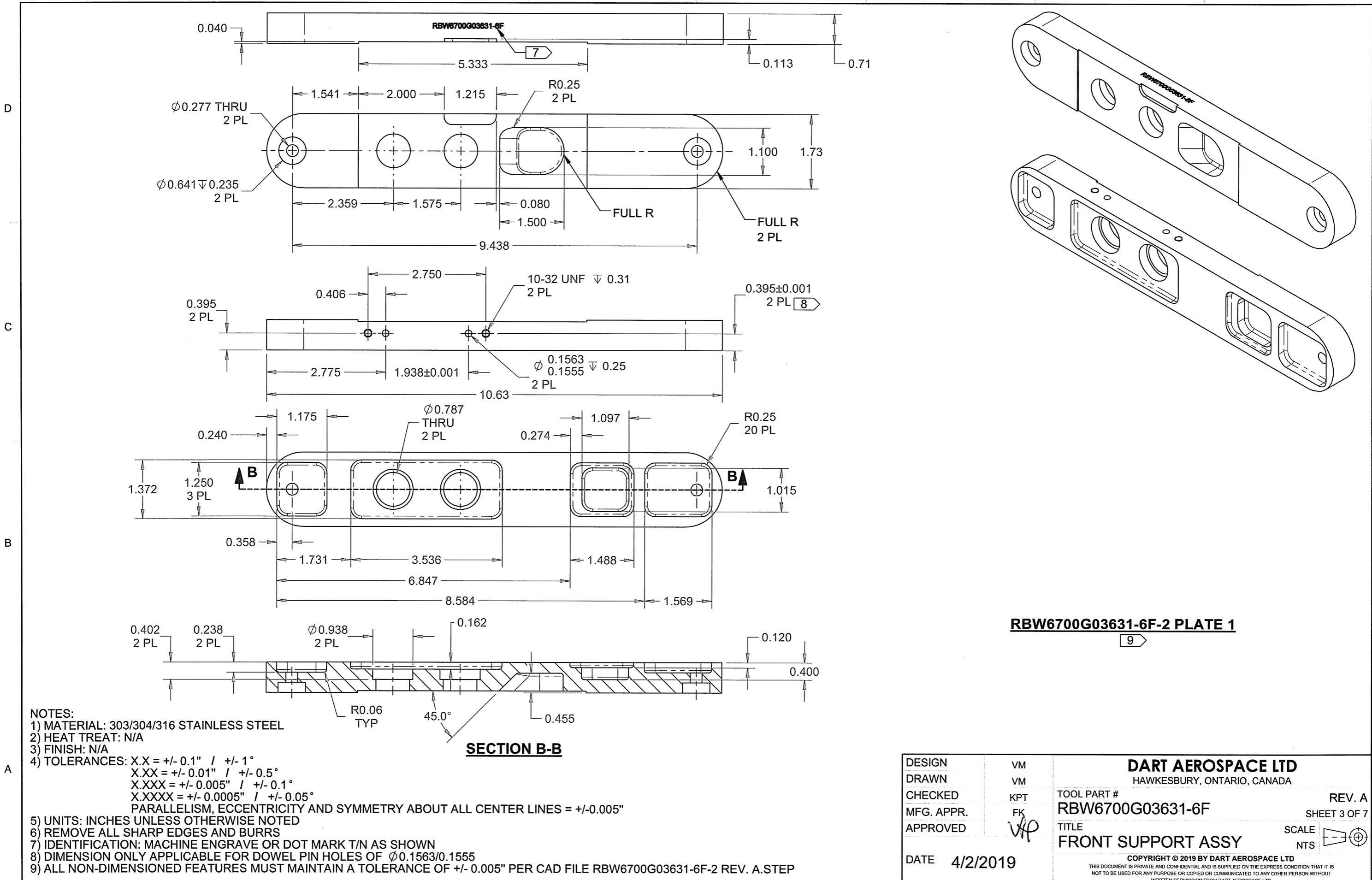
7) ASSEMBLE AS SHOWN

8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES

THEN PRESS FIT ITEMS 13 WITH ITEM -2 UNTIL BOTTOMED OUT, AND REMOVE EXCESS

9) APPLY INSTANT ADHESIVE LOCTITE 495 BETWEEN THE SURFACES OF ITEM -3 AND ITEM -2, REMOVE EXCESS, AND CUT EXCESS IF NECESSARY

DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	FK	SHEET 2 OF 7	
APPROVED	VJ	SCALE NTS	
DATE 4/2/2019		TOOL PART #	RBW6700G03631-6F
		TITLE	FRONT SUPPORT ASSY
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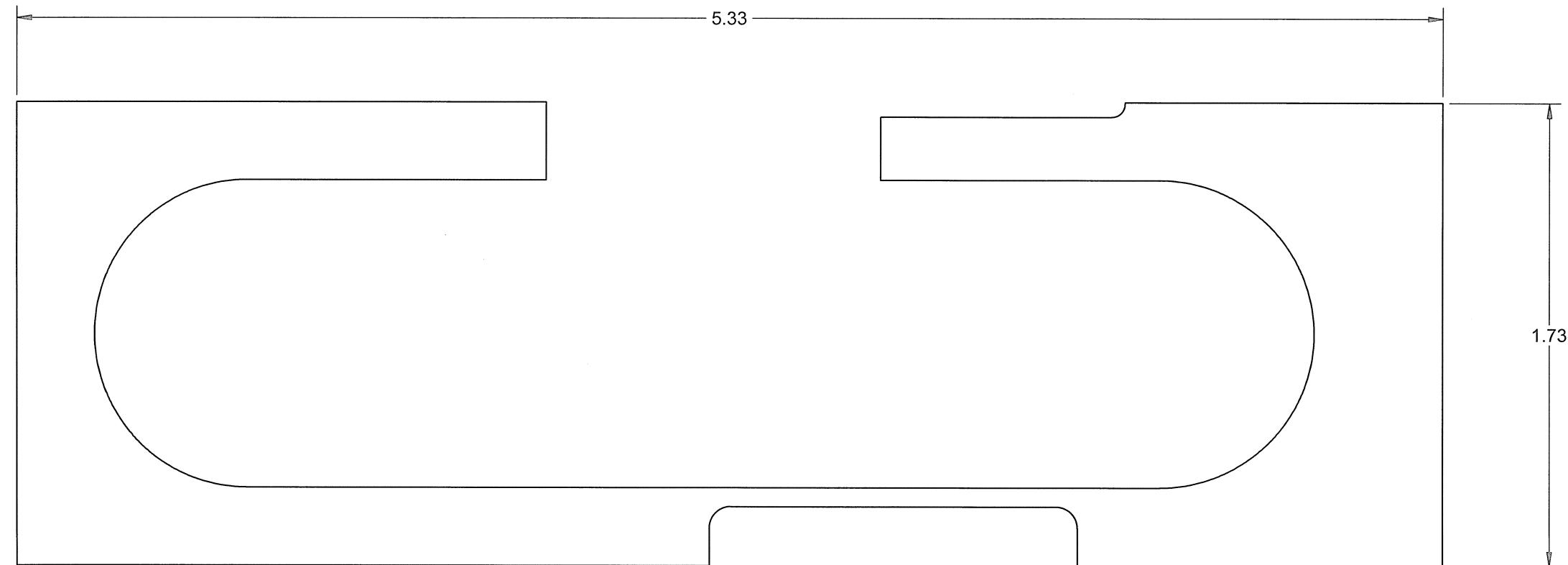
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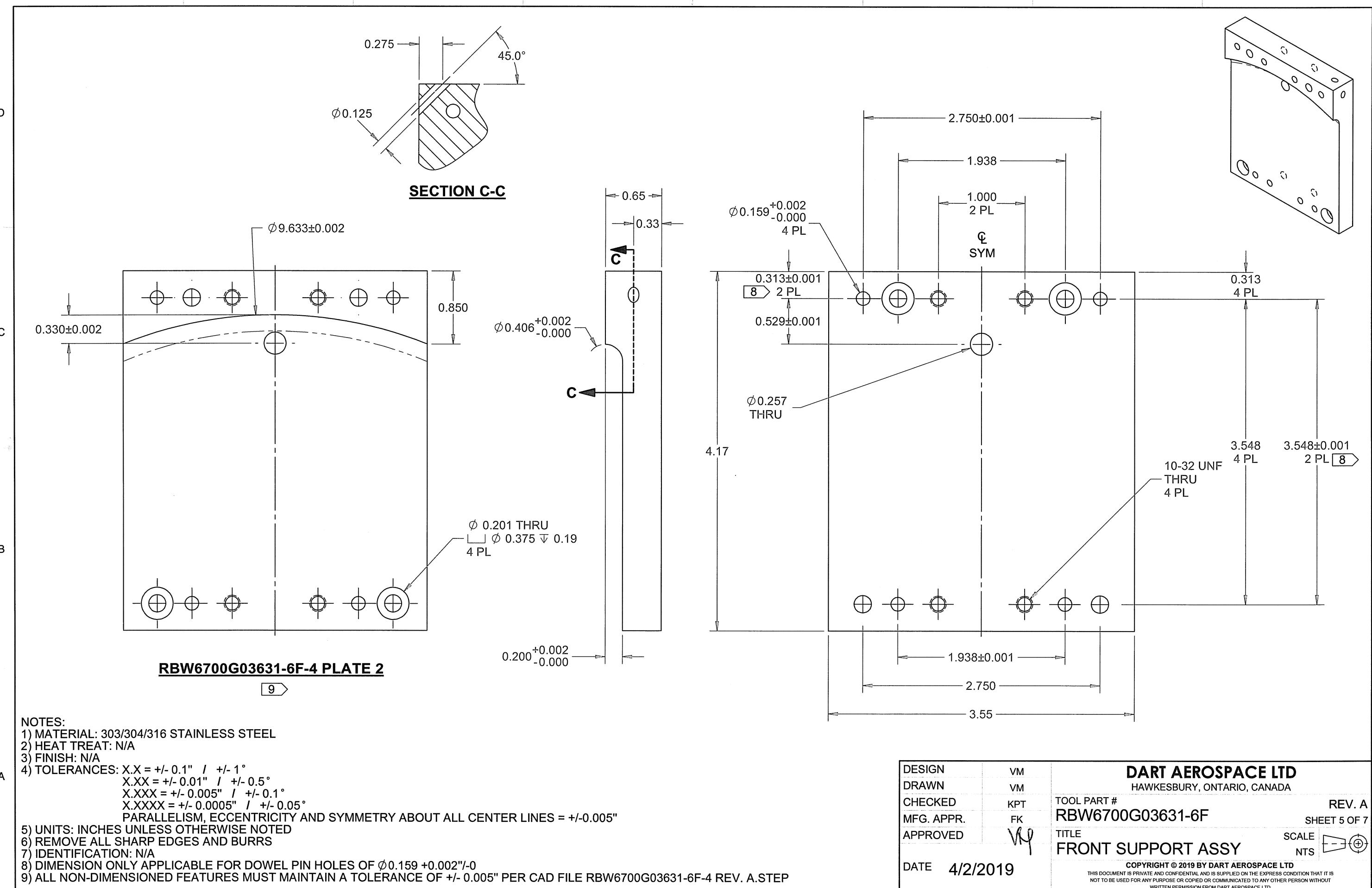
## NOTES:

- 1) MATERIAL: McMaster#8569K26 OR EQUIV (TEFLON PTFE SHEET 6" WIDE X 0.04" THK.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RBW6700G03631-6F-3 REV. A.DXF

RBW6700G03631-6F-3 PROTECTION

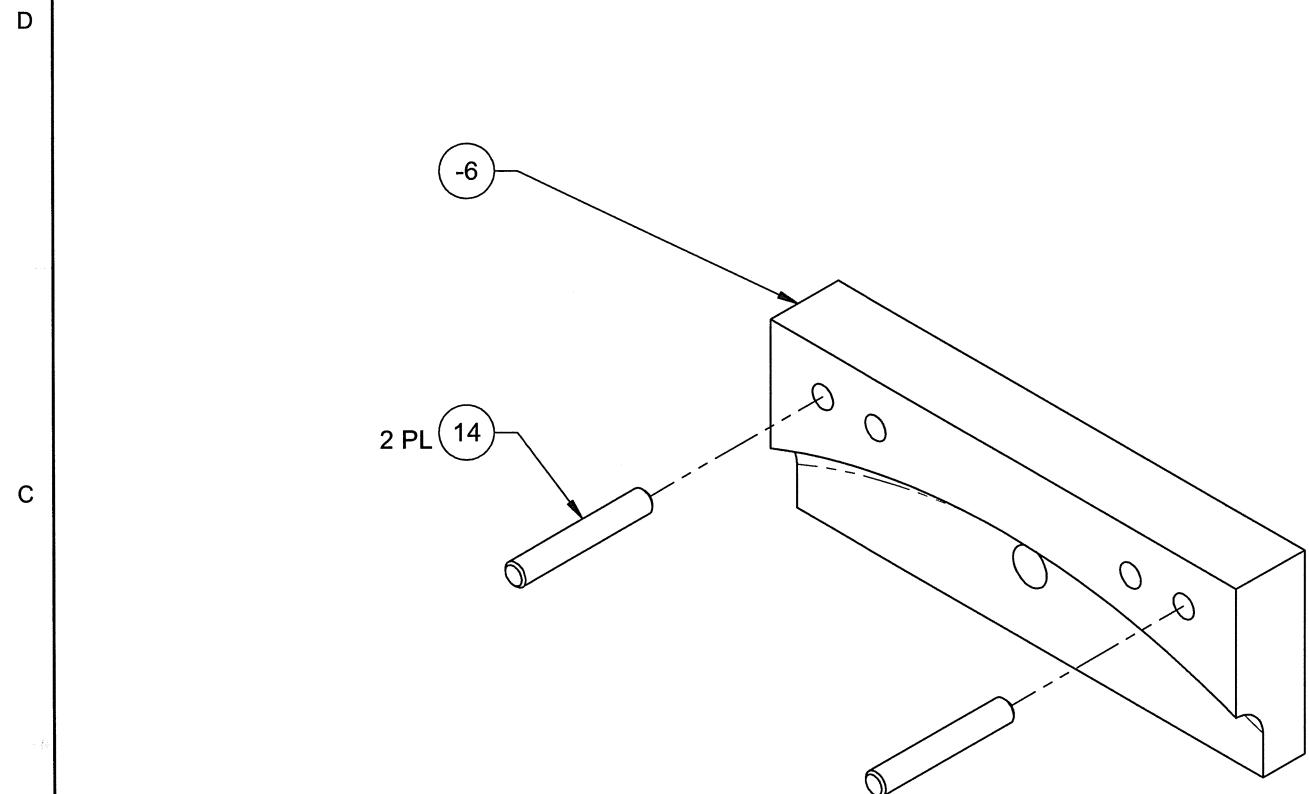
7

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT		
MFG. APPR.	FK		
APPROVED	WY		
DATE 4/2/2019		TOOL PART # RBW6700G03631-6F	
		TITLE FRONT SUPPORT ASSY	
		SCALE NTS	
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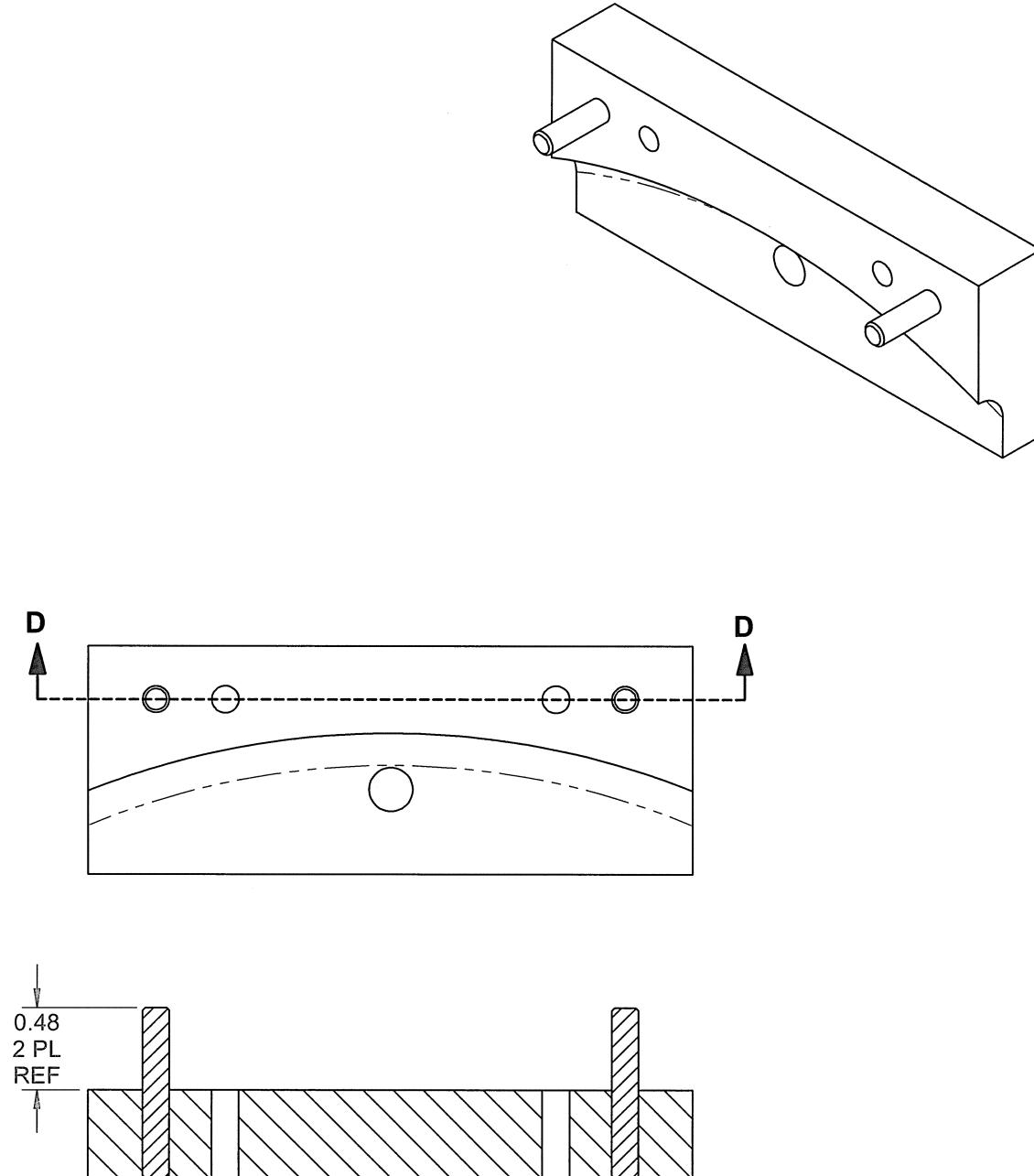


DESIGN DRAWN	VM	DART AEROSPACE LTD
CHECKED	KPT	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	FK	TOOL PART #
APPROVED	WJ	RBW6700G03631-6F
DATE	4/2/2019	REV. A
		SHEET 5 OF 7
		SCALE NTS
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ITEM #	QTY	PART #	PART TITLE
-6	1	RBW6700G03631-6F-6	PLATE 3
14	2	McMaster#98380A489 OR EQUIV	SS416 DOWEL PIN 5/32" DIA. X 1" LG.



**RBW6700G03631-6F-5 PLATE 3 ASSY**



**NOTES:**

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES:  $X.X = \pm 0.1"$  /  $\pm 1^\circ$   
 $X.XX = \pm 0.01"$  /  $\pm 0.5^\circ$   
 $X.XXX = \pm 0.005"$  /  $\pm 0.1^\circ$   
 $X.XXXX = \pm 0.0005"$  /  $\pm 0.05^\circ$   
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES  
THEN PRESS FIT ITEMS 14 FLUSH TO SURFACE OF ITEM -6, AND REMOVE EXCESS

DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	FK	SHEET 6 OF 7	
APPROVED	<i>WJ</i>	SCALE NTS	
DATE 4/2/2019		TOOL PART #	RBW6700G03631-6F
		TITLE	FRONT SUPPORT ASSY
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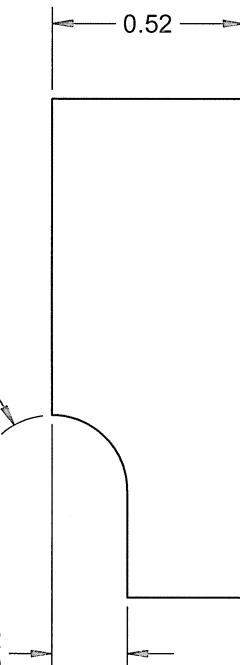
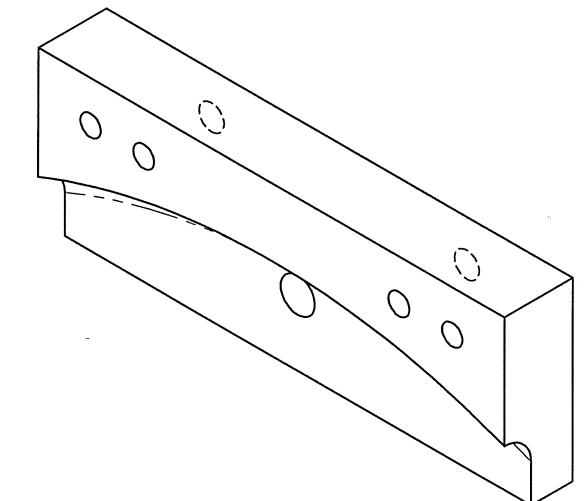
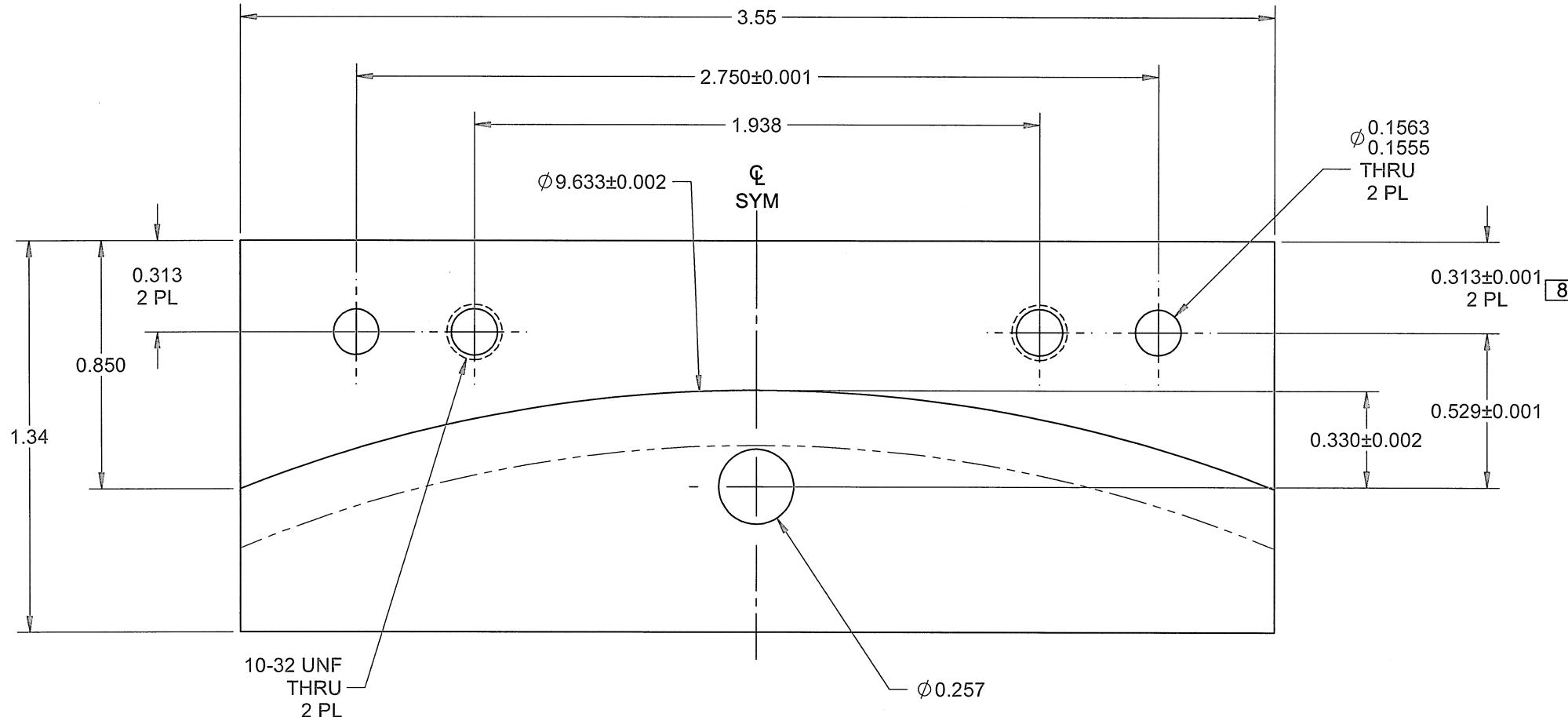
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### RBW6700G03631-6F-6 PLATE 3

9

#### NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) DIMENSION ONLY APPLICABLE FOR DOWEL PIN HOLES OF Ø 0.1563/0.1555
- 9) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBW6700G03631-6F-6 REV. A.STEP

DESIGN	VM	DART AEROSPACE LTD			
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA			
CHECKED	KPT				
MFG. APPR.	FK				
APPROVED	WY				
DATE	4/2/2019	REV. A			
TOOL PART #	RBW6700G03631-6F				
TITLE	FRONT SUPPORT ASSY				
SCALE	NTS				

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